

FOLIO

UNIVERSITY OF ALBERTA
20 JANUARY 1995



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Oral health sciences education will be integrated with Medicine

ADA commends Ferguson and Fraser for decision

By Michael Robb

The University of Alberta will continue to offer oral health science education.

In making that decision last week, the Board of Governors directed the University administration to develop a proposal for integrating and developing oral health science education within the Faculty of Medicine.

The decision was greeted with relief and accolades from the Alberta Dental Association. ADA President Bill Sharun said, "Less than a year ago, Albertans faced the closure of the Faculty of Dentistry. Today [13 January] marks the beginning of a partnership in health education, between the oral health sciences, including dentistry and dental hygiene and medicine."

The innovative proposal will put the University in the forefront of oral health sciences education in Canada, said President Rod Fraser, and the proposal is consistent with University objectives.

Although many details remain to be ironed out, the proposal calls for the administration to set up a working group to develop proposals for the integration of the Faculties of Dentistry and Medicine, effective 1 April 1996. Dentistry will have an "interim" Dean during 1995-96, who will be primarily responsible for ensuring a smooth transition. The proposal is expected to be considered by the Academic Development Committee by 1 May 1995 and reviewed the following month by the Board.

The Board decision follows almost a year of intense lobbying by many of the individuals and associations for and against the possible closure. In February 1994, the University administration released its restructuring document, *Quality First*, and called for the closure of the Faculty of Dentistry after 1997-98. General Faculties Council endorsed that decision, but the Board and a number of external groups raised serious concerns about the closure. The Board tabled a motion to close the Faculty and established a Dental Studies Task Force.

The task force submitted its report to the Board in early December; the Board also established a subcommittee to explore the alternative to closing the Faculty and the model proposed by the task force. Then, in early January, a general agreement emerged that held that oral health programs could be maintained in an integrated Faculty.

After the integration takes place, the University expects to save about \$2.5 million annually. This includes \$400,000 through instructional efficiencies in basic sciences (saving four academic positions); \$450,000 by practicum fees of \$5,000 for 30 dental students in each of their last three years; and \$450,000 through a 50 percent increase in clinical revenues (an increase from 35 to 50 percent of the ADA fee schedule is itself a 43 percent increase).

The \$2.5 million saving is slightly less than what was expected by closing the program and shifting students to sister institutions in other provinces.

Other savings are expected from lower costs for laboratories, less startup funding for fewer basic scientists, administrative reductions with one Dean's office, integrated Faculty committees and integrated student affairs activities. Dr Fraser pointed out that there will now be only one basic sciences team, not two, teaching the broad health sciences.

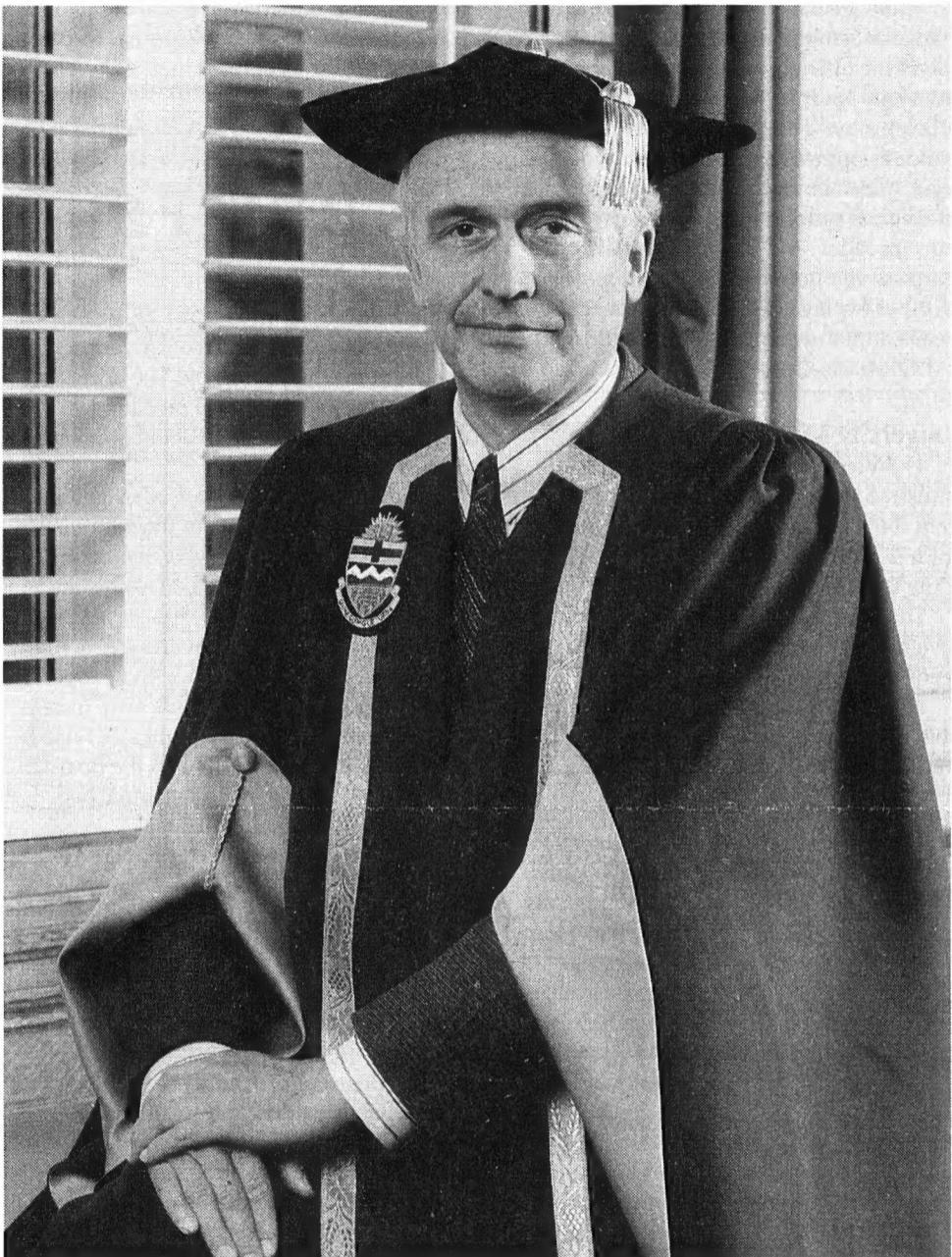
The University hopes there will be some strong research advantages as well, and that the integration will lead to the development of new and effective approaches to dental education which are only now developing. The future of dentistry is not in the old filling station model of dental work, Dr Fraser said. Rather, he told the Board, it is in working and collaborating with other health science professionals.

In order for the integration to work, the ADA and the oral health profession will have to support the implementation of substantial practicum fees. The establishment of a foundation or other arrangements, such as an endowment fund, would provide financial assistance to students. That's on the table for discussion, Dr Fraser said.

Citing difficulties universities such as the University of Toronto and McGill University are having in keeping their dental programs alive, Dr Fraser said it's possible the model being developed at the U of A may be adopted by others.

One of the big issues yet to be decided is what the new Faculty will be called. Board members are hopeful that the oral health sciences can maintain their identity within the restructured Faculty. Sharun said if the oral health sciences are simply called a department within the new Faculty, there could be accreditation problems.

Board Chair John Ferguson reiterated that the dental hygiene program would also remain at the University.



Man of the hour (and the next five years)

Rod Fraser is installed as President and Vice-Chancellor of the University of Alberta today at 2 p.m. His installation speech, in which he says his appointment as President "is the greatest privilege that I have ever been given," appears on page 3.

Passport to the University

By Elsa Roehr

Celebrate the installation of Rod Fraser as the 11th President of the University of Alberta by rediscovering some of the attractions that brought him back here.

Alberta Bound is the theme of Dr Fraser's installation. You, too, can celebrate this theme, by using the Alberta

Bound passport to rediscover the University of Alberta.

This is a great opportunity to become more aware of the greater University of Alberta campus. Twelve locations on campus will show you what makes this University a world leader. Get your passport stamped at every destination, then have it

validated to receive a distinctive Alberta Bound lapel pin that commemorates Dr Fraser's installation.

But your real reward will be a greater understanding of your University. Be part of Dr Fraser's Alberta Bound installation theme. Be University of Alberta Bound!

Klein's address short on advanced education

By Elsa Roehr

Advanced education earned minimal mention in Premier Ralph Klein's televised address to Albertans on Tuesday, 17 January.

He thanked those working in the public service, including universities, for doing a good job under tough circumstances.

"Albertans will not accept substandard health care or education, but the old ways had to change," he said.

But he focused his remarks most heavily on health care, followed by education.

"Albertans believe education is our

hope for the future," the Premier said. His government will continue to support advanced education and career development with more than \$1 billion a year, but Klein offered no details on how that money would be distributed.

What's in a name?

Enough for the Intellectual Property and Contracts Office to change it to the Industry Liaison Office

By Michael Robb

The Intellectual Property and Contracts Office has changed its name to the Industry Liaison Office.

"Under Jim Murray's exceptional leadership, the office has expanded its role in recent months and needs a title which more accurately reflects its work," Vice-President (Research) Martha Piper informed the Board of Governors last Friday.

There are several reasons why the name change is being made. First, the primary role of the office is to develop collaborative university/industry research programs which promote the excellence in research and development at the University of Alberta. "The mandate of the office is not just intellectual property and contracts, but it is much broader, and includes university research development in the broader sense," Dr Piper explained in correspondence.

Second, the name Intellectual Property and Contracts Office is not well received by

the industrial world. "Dr Murray has had numerous representatives from companies asking if the office could find a name which reflects the kind of activities and programs they have initiated recently," she said.

And third, the inclusion of the "contracts" in the name of the office means that it has often been engaged in general university contract negotiations and administration, which is outside the scope of the office's mandate to develop external research funding.



Faculté Saint-Jean hosted the Board of Governors' meeting on 13 January.

BOARD OF GOVERNORS

BRIEFS

Board declares financial exigency

Once again, the Board of Governors has declared financial exigency. The decision, made at the regular Board meeting last Friday, follows the General Faculties Council declaration.

The declaration of financial exigency is required under article 21 of the administrative professional officer agreement if an APO is to be laid off for budgetary reasons. The declaration is for the 1995-96 year.

It doesn't mean that layoffs will actually have to occur, Board Finance and Property Committee Chair Tom Shields said, in responding to concerns about morale raised by academic representative on the Board, Ron Bercov. Cuts may be accomplished through attrition, said Shields.

Deans and unit heads terminate APOs with a great deal of reluctance, said Vice-President (Finance and Administration) Glenn Harris. But they have to have the mechanisms, when it's absolutely necessary, to terminate APOs.

Board approves budget principles

The Board approved the 1995-96 budget prospects, principles and process document. That document, also approved by GFC, will be used to guide the University's budgeting over the year.

Dr Bercov said that over the past couple of years the University has not paid enough attention to the issue of faculty renewal. Board member Elmer Brooker agreed. The University of Alberta doesn't do as good a job in that area as the Universities of British Columbia and Calgary, he said, and the issue needs to be addressed.

PhysEd donates to SU project

The Finance and Property Committee has approved a donation of \$1,000 by the Faculty of Physical Education and Recreation to the Students' Union capital building campaign. The committee had earlier approved donations from six other Faculties: Engineering, Business, Medicine, Pharmacy, Law and Nursing.

Money approved for steam turbine

The Board authorized the borrowing of \$6.3 million to finance the purchase of a steam turbine generator. The funding of the loan is expected to come from internal sources.

The generator is expected to result in annual power savings of about \$1.6 million and is part of the University's approved capital plan.

The University of Alberta operates an integrated district heating system which serves the greater campus area. "As part of this integration, the University recognized some time ago that it could use a steam turbine to improve overall system efficiency by generating some power which would reduce the overall cost of electrical purchases," explained James Fleming, Director

of the Investment and Real Estate Office, in correspondence tabled at the Board.

Community and Government Affairs Committee

The Board's Community and Government Affairs Committee is encouraging senior University administrators to arrange a meeting with the Alberta Federal Liberal caucus early in 1995. The committee wants University officials to discuss with the MPs the implications for universities of some of the proposals contained in the federal government's discussion paper, *Agenda: Jobs and Growth, Improving Social Security in Canada*.

Students' Union President Suzanne Scott gave a presentation to the Board on the possible implications of the green paper proposals for the University of Alberta. She urged Board members to lobby MPs and MLAs on behalf of the University.

External audit on DCA completed

President Rod Fraser informed the Board that the external audit of Development and Community Affairs has been completed, and the report would be released very shortly.

The auditors (this week) will give presentations to Deans' Council, Vice-Presidents, the Board's Community and Government Affairs Committee and the staff in the area.

"We're excited about the audit," said Board Committee Chair Betty-Anne Pearson. "We feel we've been circling the airport for too long."

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DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. **Classified advertisements:** 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

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University
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International Week underlines global development issues

By Elsa Roehr

This year's International Week, 27 January - 4 February, is a celebration of the world's multicultural diversity and the inherent similarities among peoples. It is also a time to examine the discord that can divide our human populations and explore the opportunities for building peace.

This year's theme is "Instruments for Change: Creating Global Harmony." "People and cultures are as diverse as musical instruments, from the sitar to the guitar to the gamelan to the trumpet," says Greg King, program organizer for International Week. "Individuals, too, are instruments: instruments that can create, express and work for change. By working together locally, nationally and internationally, we can create global harmony."

The theme will take several directions, shining the campus spotlight on United Nations' reform and on global justice issues. In all, more than 70 events will look at so-

cial, economic and human rights development and health care.

Starting with a panel discussion to define an international university and ending with the All-Parties Forum on Canadian Foreign Policy, the week will take every opportunity to explore how we as individuals, communities and nations can become instruments for change. This year, the Centre for International Alternatives will present its Global Visions Festival during International Week.

Special guest speaker Alex Volkoff, director of UN programs for the Canadian International Development Agency (CIDA), will ask listeners to help explore options for reform that will help the UN become a more effective instrument for change in achieving global harmony.

Other guest speakers include Father Miquel d'Escoto, former foreign minister of the Sandinista government of Nicaragua;

former FLQ member Paul Rose; Lubicon Chief Bernard Ominayak; and Member of Parliament Svend Robinson. They will each lead discussions on the issues that influence our greater community: social change in Central America, popular nationalism, and aboriginal and gay rights.

"International Week at the University of Alberta is an opportunity to bring together students, staff and the community in open, lively, and critical discussion of global development issues," King asserts. "The Week brings together many campus organizations with an international focus and provides a forum to enjoy the diverse forms of art and music of our campus's many cultures."

Program guides are available around campus or by calling Salima Bandali at the International Centre, 492-1139. Information on the Global Visions Festival is available from Bill Moore-Kilgannon, Centre for International Alternatives, 439-8744.

'Alberta Bound'

Dr Rod Fraser's speech on his installation as the 11th President of the University of Alberta, 20 January 1995

Editor's note: Delivery may have deviated slightly from prepared text.

The chorus of Gordon Lightfoot's classic song "Alberta Bound" holds real meaning for me and provides a theme for my remarks today. Indeed, it's good to be Alberta Bound.

Eminent Chancellor, Your Honour, Ladies and Gentlemen. Mes chers amis, mes chers collègues. Je suis très heureux d'être ici devant vous. C'est un très, très grand plaisir pour moi et pour ma famille.

Ninety years ago, my mother's father, my Grandfather MacNaughton, was "Alberta Bound." He studied accounting at Mt. Morency Business College in Quebec, but he dreamed of becoming a farmer.

It was this dream that drew my grandfather to Alberta. Arriving in Edmonton in 1905, he collected a pair of oxen and moved eastward to establish himself as a homesteader in Ranfurly, about 40 kilometres east of Vegreville. There he met and married my grandmother, raised four children and lived his dream of "farming the land."

Because I spent so many of my childhood summers on that family farm in Ranfurly, I think I have a pretty clear idea of what attracted my grandfather to Alberta nearly a century ago:

- the beauty of the prairies,
- the vastness of the sky,
- the richness of the land,
- the integrity of the people,
- the enormity of the potential.

These factors have remained steadfast over the past 90 years. They continue to distinguish Alberta from other places and keep so many "Alberta Bound."

For me, the irony of life has brought me full circle: After more than 30 years away, I am delighted to be Alberta Bound! And, moreover, it has me facing a set of challenging opportunities of a different kind—yet, in some ways analogous—to those faced by my grandparents some 90 years ago.

Life has certain privileges and responsibilities. As I reflect on my own life, and my return to Alberta, I am struck by how extremely privileged I am to have been selected to serve as the 11th President of the University of Alberta.

The University of Alberta is truly a distinguished institution—one that is renowned for its scholarly achievements; its commitment to excellence in teaching, research and service to the community; and its depth, scope and diversity of academic programs.

I am honoured and humbled by the privilege of assuming the presidency of this outstanding institution. It is the greatest privilege that I have ever been given.

And yet, with this privilege, comes responsibilities. Today's universities are being challenged to seize the opportunities presented by several monumental changes in our society, while, at the same time, honouring the age-old traditions of teaching and scholarship.

Universities have successfully evolved over more than 1,000 years. But, how do we now prepare for the 21st century? What are the challenges we face? What are the opportunities that await us? Can we rely on our past to guide us into the future?

The University of Alberta is a proud part of my family's history.

My mother attended Normal School in Corbett Hall, and my father holds two degrees from the U of A. More personally, it was on the diagonal path leading northwest from the Rutherford Library to the old cafeteria that I first met my wife Judith on a cold, windy fall day some 32 and one-half years ago.

Whilst my connection to the University is rooted in the past, my focus as President is clearly directed to the future. In my vision, I see the University of Alberta, now one of Canada's largest full-service, research-intensive universities, entering the next century as indisputably one of Canada's very best universities, and this in three mutually reinforcing ways.

FIRST, in preparing students for life after graduation;

SECOND, in having professors who are national and international leaders in their disciplines; and

THIRD, in ensuring that service to our communities is a priority for all of us.

First, our graduates will be prepared to work effectively and live fulfilling lives in the 21st century. They will be able to compete successfully with graduates from the best publicly-funded universities—not only in Canada, not only in North America, but in the world.

I want our students to feel confident and proud about the merit of their degrees—degrees that will be acknowledged and respected across the country, the continent and throughout the world for both their quality and their value.

In order to accomplish this, we must work together to create what I call an "optimal learning environment"—an environment that fosters critical thinking, independent judgment, written and oral communication skills, and knowledge in a specific area of human or scientific endeavour. It must also be an environment that facilitates and celebrates the development of the whole person.

Moreover, this learning environment must be constructed in the context of a complex world that has diverse value systems and increasing interdependence, one in which students face a career of several job changes.

I believe that an old Chinese proverb provides us with insight to creating such an environment. It states:

"Tell me, I forget.

Show me, I remember.

Involve me, let me do, I understand."

Whether it is through Socratic debate, industrial internships, student study teams, or the harnessing of new information and telecommunications technology, every student at the University of Alberta should be challenged to "be involved," "to do," so that they will "understand" forever.

Through this approach and others, we must discover ways of better unleashing the creative and entrepreneurial talents of our students. They will live and work in a world in which large institutions become less important as employers. And, conversely, self-employment and employment in small- and medium-sized firms continues to grow sharply.

To assist us in these tasks, we must couple the best components of the traditional methods of learning with the most innovative uses of information technology, whose rapid development seems likely to have an impact on universities and on learning as great as that of the introduction of the Gutenberg Press in the mid-1400s!

A final characteristic of this optimal learning environment is that it must better encompass an understanding of the global world in which we live. Graduates of the University of Alberta must be able to cope with the economic, cultural, social and political realities of an international society. Teaching and learning programs and the campus community must become global in perspective so that each student gains a significant international experience.

The second aspect of my vision is a professo-

riate made up of people known . . . nationally and internationally . . . as leaders in their areas of research, scholarship and creativity—leaders who are creating, integrating, transmitting and applying new knowledge.

Through our research and scholarship, we will help produce the new ideas, products, processes and services that will both provide the foundations of a productive Canadian society, and also enhance the social and cultural environment in which we will live.

We have done superbly well in Alberta with our resource-based economy. But we now need to enhance that advantage by further increasing our efforts directed towards the new economy, the economy that is increasingly centred on knowledge and the exchange of information. Our University researchers will play a key role in this effort.

Starting as one of Canada's largest universities, with a number of research areas that are already amongst Canada's finest, we are extraordinarily well positioned to be a full and active partner in the economic growth and in the health and human development of Alberta and Canada today.

At the same time, this very strength gives us the capacity to generate the new knowledge that will serve our grandchildren and great-grandchildren as they strive to solve the problems of their day.

And, finally, the third aspect of my vision depicts a university whose faculty, staff and, especially, students are active citizens of the society of which we are a part. We must expand our individual roles so that each of us contributes directly through service to one or more of our communities, from local to international.

The importance of community service is something my Grandmother MacNaughton understood and believed in intensely. She gave selflessly of her time and energy to the United Farm Women of Alberta, and eventually served as one of its fourteen Directors.

One of my most valued possessions is the briefcase she used as a Director. Perhaps it is because she risked to serve at a time when it was unusual for women to lead that I cherish this symbol of her service. I used it every day until just a few years ago. Yet it is still a symbol to me of the importance of service to one's community.

And so, as we proceed through this decade and prepare to move into the 21st century, times that will most certainly be characterized by turbulence and enormous change, I believe there will be a major sorting out of Canadian universities. Only a handful will emerge from the fray as strong, full service, research-intensive universities.

It is my vision that the University of Alberta will be one of these. It will be viewed universally and indisputably as one of Canada's best universities.

What then must we do to get from here to there? What will our key strategies be?

First and foremost, we must have a relentless focus on quality—creating a stimulating, productive and supportive environment for all of our teaching, learning and research initiatives. This quality environment will not only help us attract and retain the very best minds, but will allow these minds to focus successfully on the unsolved mysteries and problems of our world.

Clearly, our most valuable resource is the individuals who make up our community—our students, our support staff, our faculty, and our alumni and friends. The quality of these individuals is absolutely and fundamentally tied to everything we do.

Secondly, we must monitor and assess our performance to know how well we are performing compared to our peers, compared to those national and international universities we wish

to emulate and, most importantly, compared to the goals to which we aspire.

Thirdly, we must work at better aligning our activities to the nature of the intellectual and practical problems we are facing as a society.

Solving many of the most pressing problems of today's world, such as environmental management, the alleviation of poverty and the prevention of violence, or global climatic change, require knowledge from a wide spectrum of disciplines. We must better engage those disciplines in collaboration, so that the critical thinking needed to understand these issues is successfully brought to bear.

For our fourth strategy, we must build a more responsive, less hierarchical management system to better and more quickly adapt to our changing circumstances. This will involve removing bureaucratic barriers and bottlenecks; it will involve establishing, within a general system of accountability, the power of one, that is, the power of the individuals throughout the University to take personal responsibility for "doing the right thing."

Our fifth strategy is selectivity. Even with the intellectual and economic wealth of Alberta and Albertans, we at the U of A cannot be all things to all people. Keeping our relentless focus on quality, we must be more selective in how we allocate our relatively scarce resources.

That leads us to our sixth strategy. We must become better at building new partnerships and in enhancing existing ones. We must seek partners in Edmonton, throughout Alberta, across Canada and around the world—partnerships amongst teaching scholars, amongst researchers and amongst other educational institutions—partnerships with the private sector, with government, with alumni and with close friends.

I was fortunate to grow up in a family that enjoyed music. My mother and my three sisters all play the piano, and I love to sing. In my childhood, my family would gather Sunday evenings for a traditional sing-song. Each member of the family would participate, each brought unique strengths, each contributed to the overall harmony of the song.

It is this type of harmony that we wish to achieve here at the U of A. We must value the contributions of each individual member of the University community, clearly recognizing that each has a critical role to play in meeting our vision.

So that's it—six strategies as we move to fulfil our vision—a relentless focus on quality, the monitoring of performance, creative alignments, a responsive management system, selectivity and partnerships.

As we now move to implement these key strategies, we do so on the sure premise that we are servants of our broader society: of our students, of Albertans, of Canadians, of culture, of citizenship, of knowledge, but, fundamentally, we are servants of truth. *Quaecumque vera.*

My grandfather knew what he was doing in 1905, when he was Alberta Bound. I am grateful for his courage, wisdom and fortitude to follow his convictions—to abandon accounting for farming, for being Alberta Bound. While he might have disagreed with some of my choices, he would not have any quarrel with my decision to return to Alberta. He, more than anyone, understood the draw of the big sky, the draw of the potential, the opportunities.

Now, ninety years later, I am as convinced as he was that this is the place to be . . . that this is the place where it is going to happen . . . that, with the commitment of all of us who are Alberta Bound, we will be successful in ensuring that the University of Alberta enters the next century as one of Canada's very finest universities.

Join me in meeting this challenge. Encourage others to join us in this effort. Together we can make it happen. Together we WILL make it happen.

There's no course like it

Environmental Issues in the Arctic field course involves British, Japanese universities

By Michael Robb

During the 1960s and '70s, the opportunities for students to work and study in the North were plentiful and virtually limitless. Money was readily available from institutions, agencies and industry in order to subsidize a host of research activities. Times have changed, however, and fewer students are getting those formative experiences, explains Anthropology Professor Eric Higgs.

He and Renewable Resources Professor Ross Wein are attempting to turn back the clock—at least for some 45 students. They've opened their Environmental Issues in the Arctic field course in the Western Arctic, 6 to 19 August, to students from around the globe.

This year, the course, now in its third year, is being offered for credit at three universities, the University of Alberta, the University of Keele in the United Kingdom and Nagoya University in Japan. The course has been broadly advertised in Canada, Japan, United States, United Kingdom and Nordic countries, so the organizers expect this will be the first year that it will attract students internationally. Organizers are hopeful one-third of the students will come from North America, one-third from Asia, and one-

third from Europe. In its first year, it was heavily subscribed by British students and in its second year heavily subscribed by Japanese students. Fifteen students took the course each year.

"The students will live together, work together and be exposed to the northern culture," says Dr Wein, who has been working in the North since the late '60s and has witnessed the drop in the number of students who now travel to the North.

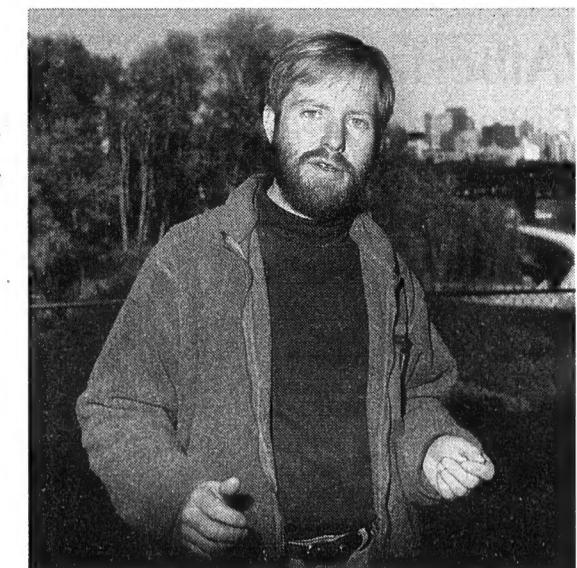
Although the numbers of people have plummeted, the issues haven't gone away. "Major environmental issues such as climate change, ozone depletion, environmental pollution, cultural disruption and northern industrial development are of considerable and increasing interest to conservationists in circumpolar countries. Northern residents are even more concerned because their livelihood is strongly dependent on resolving these issues."

Certainly, the social and cultural issues are as interesting and dramatic as the natural science issues, says Dr Higgs, pointing out that participants need not exclusively come from the natural sciences disciplines. Senior undergraduates, graduate students and postdoctoral fellows from the social

sciences are welcome to sign up. "The course should be of particular value to graduate students who wish to collect materials and data to extrapolate their research interests into the North," Dr Wein says.

"The focus will be pretty broad, and we'll try to strike a balance between structure and spontaneity," he says, pointing out that northern weather can be so influential in what can and cannot be accomplished.

The course will include a mix of field trips, formal lectures, discussions, two science forums and an individual research project on an environmental issue. Students will get academic credit through each of the three participating universities. Lectures will be given by the instructors but local residents, including hunters, researchers and oil and gas personnel, will also give talks. Seamus McCann, Keele University, and Tatsuo Sweda, Nagoya University, are co-instructors. Stops will be made in Wood Buffalo National Park, Fort Smith, Yellowknife, Mackenzie River Delta, Inuvik and the Arctic Ocean.



Eric Higgs, Professor of Anthropology, is a key figure in the Environmental Issues in the Arctic field course.

Arctic College and Wood Buffalo National Park are heavily involved in helping to keep the costs down. Students beginning in Edmonton will pay \$3,000 for the course, a fee that includes all travel and accommodation.

For more information on the course, contact Karen Mackoway/Ross Wein, Department of Renewable Resources, 751 General Services Building, 492-2820.

Board open about President's compensation

By Michael Robb

The Board of Governors has approved the presidential contract.

At its meeting last Friday, the Board outlined the details of the compensation package. Dr Fraser will earn an annual base salary of \$135,000 and an honorarium of \$40,000. It is a five-year contract beginning 1 January 1995. He is a full professor of the Department of Economics with tenure, and after his presidency he may move to the department.

The Chair of the Board, John Ferguson, reiterated that the cost of Dr Fraser's contract will result in significant savings compared to what the University paid in the past on an annual basis.

"I believe we've got an exceptional leader at an attractive price," Ferguson said. "The contract had to be fair and he [Dr Fraser] feels very comfortable with the contract. He's not driven by money."

The University and Dr Fraser agreed that at the end of the contract there would be an automatic search and selection procedure to replace the review procedure that created confusion, Ferguson outlined for the Board. The President will also have his performance reviewed annually.

Following his term as President, Dr Fraser is eligible for a one-year leave at his basic salary with no honorarium. If he doesn't return to serve following the leave, he must repay 30 percent of the salary during the leave. "If he's reappointed President at the end of the term, he is not eligible for leave at the end of the first term," Ferguson said, pointing out that the University wants the continuity.

At the end of the five years, he has the right to resign. And there is no provision in the contract for severance pay in such a circumstance. Dr Fraser is to advise the chair 14 months prior to expiry of the contract if he wishes to be reappointed.

Whether he wishes to be reappointed or not, the procedure for search and selection will be the same, Ferguson explained. "If he decides not to stay we still go through the same process."

The Board can terminate the appointment without cause. If so, he can resign with one year's remuneration with honorarium, or can move to the Department of Economics with no honorarium. He can resign mid-term with one year's notice. If so, the Board has the option to require him to continue for one year or to step down earlier with no severance. "If he gives us notice we can sever the relationship immediately or cause him to stay on for one year."

The University also guarantees that the Frasers would not lose money on the price of their condominium when the unit is sold. The University has also purchased an adjacent condominium for \$170,000, so the Frasers, who do not have children living at home now (and therefore don't require a large house), will be able to entertain on the University's behalf. The University will also have the first right to purchase the Frasers' condominium. Dr Fraser is to receive an annual "research expense payment" of \$16,000.

Dr Fraser will receive the regular benefits of the academic staff and can hold no outside directorships without the approval of the Board. The Board has also set an annual entertainment allowance, and he will live within that allowance, Ferguson said.

A Treasury Board directive under the Financial Administration Act of the Province of Alberta requires the disclosure of certain salary and employee benefit information, including the President's salary and benefits. The information did not have to be made public until next year.

World Music Concert goes Latin

By Stella Chooi

Since 1988, the Department of Music has played host to musicians from all over the world in its annual World Music Concert.

Usually, these concerts are held in Convocation Hall. Each occasion offers a blend of lecture and music-making. This year's guest artists, Tilo Paiz and his Banda Amistad, will probably have the audience dancing in the aisles and, since the Hall aisles are not wide enough, the concert will be given in the more informal surroundings of Dinwoodie Lounge in the Students' Union Building, beginning at 8 pm Saturday, 4 February.

Banda Amistad (meaning "friendship") is a 12-piece Edmonton-grown Latin American band. Salvadorean percussionist Tilo Paiz is a well-known musician throughout

Central America, with vast experience both as a side musician and as leader of his own groups.

Banda Amistad plays a variety of Latin rhythms from South and Central America and the Caribbean, including the Afro-Cuban sounds known as salsa, cumbia, merengue, cha-cha and bolero. Thanks to collaboration between the Department of Music and the Centre for International Alternatives, concertgoers will enjoy an evening of varied entertainment: Paiz will demonstrate the origins of the music, and he and his band will return later in the evening to provide dance music until the wee small hours!

Tickets are \$8 in advance, and \$12/\$10 at the door for adults/seniors and students. For further information, call the Department of Music at 492-0601.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC STAFF

Project Manager, Continuing Care Evaluation Project (Three Years, Trust)

A project manager is required for a research project funded by NHRDP (National Health Research and Development Program). The project is an evaluation of new models of continuing care for seniors in Alberta. Responsibilities include project administration, coordination of interaction with evaluation sites and project consultants, training of interviewers and management of data collection, management of project personnel, and writing of articles

and project reports. Master's or PhD in program evaluation or related area. Excellent writing skills. Word processing, data entry and data analysis skills (Macintosh preferred). Experience in long-term care an asset. Salary: \$40,000 to \$45,000 per year plus benefits, depending upon experience.

Apply in writing by 27 January to: Dr Norah Keating, Principal Investigator, The Continuing Care Evaluation Project, Department of Human Ecology, 3-38 Assiniboia Hall, University of Alberta, Edmonton, Alberta T6G 2E7.

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall. You can also call the Job Information line at 492-7205 (24 hours) or consult the weekly Employment Opportunities Bulletin.

How much do students really pay for their education?

By Peter Cahill

If you read the papers these days, watch the news, or listen to Lloyd Axworthy, you would get the mistaken impression that students pay very little, almost nothing in fact, for their education. By examining newspapers across the country, you soon realize that either Axworthy has been constantly misquoted or he is not too well informed about postsecondary education. Given the numbers of reporters consistently quoting him, I have an idea as to who is making the mistake.

Lloyd Axworthy makes his first error when he states that students pay between 10-17 percent of the cost of their education. What he means to say is that tuition revenues make up only 10-17 percent of the operating costs of universities. Actually, even then, he is incorrect. Even at the University of Alberta, which does not have the highest tuition fees in the country, tuition revenues are in the area of 20-22 percent of operating costs of our University. He further states that Canadian tuitions are the lowest in the industrialized world. He ignores countries like Australia, where tuition is much lower than in Canada, and until very recently free, as well as Germany where there are no tuition fees for university. While both of these countries would consider themselves part of the industrialized world, perhaps Axworthy does not agree. This is not to say that higher education should be free, rather, it is intended to cause doubt regarding the legitimacy of Axworthy's statements. In fact, as Axworthy freely admits, if his proposed cuts go through, tuitions will rise by approximately \$2,000 per student per year. This will make Canadian public universities as expensive or more than many of their US counterparts. The example of the tuitions of private US universities is raised, but is it fair to compare tuitions between incredibly successful private institutions like Harvard and more public institutions with an admittedly lower level of quality? That is like saying 'Well, it costs a lot to buy a Porsche, so you should also pay more for your Mazda 323 economy car.'

But Axworthy is far from being done with making mistakes. He is also quoted as

saying that a \$2,000 increase in tuition would increase the share that students pay of their education from 11 percent to 15 or 20 percent, i.e., a 4-9 percent increase. There are few universities in Canada where \$2,000 would constitute as little as 4 percent of the cost per student of their education. At the U of A, for example, a \$2,000 increase would constitute just under 20 percent of the University's operating costs. Axworthy's 4-9 percent increase is a far cry from the 20 percent increase in the share of educational costs paid by tuition which will occur if his proposals are passed. In the case of Alberta, more than 40 percent of the revenues of our universities would be paid by tuition.

It is also wrong to say that all the costs that a university faces are a result of teaching students. Professors are often expected to spend half of their time researching. Is it then fair to say that students should be paying the full bill for professors' salaries? Estimates show that at a minimum, research overhead (which includes costs such as facilities, labs, supplies, electricity etc) constitutes 20 percent of the costs that universities incur. Nowhere does Axworthy mention this fact, instead, he inflates the bill that students are supposedly paying so little of by including the costs of research. The logic Axworthy is using to justify tuition increases is that since students are the primary recipient of benefits from higher education, they should pay more. Given that all of society routinely benefits from research, and that only a small percentage are actually in university, doesn't it make sense to ask all of society to pay for research, not just students?

The final glaring error made by Axworthy is that he assumes that the only cost of their education which students pay is their tuition, (almost \$3,000 next year at

the U of A). This ignores the fact that there are numerous other costs, including: texts and school supplies, (usually in the area of \$1,000 per year), housing and board for those from out of town, (a minimum of \$4,000 for eight months), foregone income (at a conservative estimate \$5,000 every year), and transportation costs (even for a bus, \$400 for eight months). He then compounds his mistakes by using an average cost figure which averages widely differing program costs such as Arts at \$5,000 per year and Medicine at \$22,000 per year and assumes this average will provide useful information. An Arts student from out of town is paying approximately \$12,400 for

an education which costs the student, the University, and the student's family approximately \$14,400 per year. This 'student' is paying for 86 percent of all of the costs necessary for getting their education. It costs the U of A approximately \$5,000 for one year's

education for an Arts student, and tuition for a full-time Arts student this year was \$2,600. It is difficult to see where Axworthy gets the figure that students pay only 10 percent of the cost of their education as an Arts student pays more than 50 percent in tuition alone. And, Mr Axworthy, if you think that any of these costs are not 'real' costs of education, then I invite you to pay mine.

The best analogy to illustrate the illogic of Axworthy's arguments is to use the example of a car. If you only look at the purchase price of a car, and ignore the insurance, maintenance, gas, and repairs, you would vastly underestimate the total amount it costs to maintain an automobile. But that is exactly what Axworthy is doing when he focuses on tuition and ignores the numerous other costs of going to university. Furthermore, could you go to GM and get their most expensive car for the amount of

an average car price? Well, Axworthy suggests implicitly that an average cost per student is a reasonable figure to base tuition levels on. So regardless of whether you are getting an expensive medical degree or a relatively cheap Arts degree, you should pay the same amount. Right now, society helps to subsidize all university students, for some as little as 15 percent of their educational costs and some to a much greater degree, but with the inception of the Axworthy proposals, this would change to students in low cost programs subsidizing more expensive degrees. If society has no role in helping students out, why should students end up paying for other students' degrees?

Why is the generation in power, which benefited so much from relatively cheap education, (among other government subsidies), and which drove the national debt up to the current astronomical levels, now telling today's students they should pay more? Don't forget, students today pay a larger portion of the costs of their education than did many of the politicians currently in the House of Commons. Apparently, the students of today will pay more for their education, and they will pay more for previous generations' educational subsidies due to the transfer of the national debt to those unlucky enough to be born later. I think a logical conclusion of Axworthy's way of thinking (those who get the benefits should pay the most), is the application of his logic on the MPs' pension system. As it currently stands, the public funds \$6 for every \$1 that MPs put into their pension plan. MPs pay less than 15 percent of the cost of their pensions, so as beneficiaries shouldn't they pay more, perhaps even all of their pension costs? After all, they are the only ones who benefit from it. Unlike education and research which benefit not only students, but all of society, MPs' pensions only cost our society money and benefit no one but the politicians themselves.

Editor's note: Peter Cahill recently earned a BA in Economics at the University of Alberta. He was a member of the U of A Strategic Planning Task Force and has served on the Senate and General Faculties Council.

Advisory Committee for Vice-President (Academic)

The University is now searching for a new Vice-President (Academic) to succeed Dr John McDonald. In accord with procedures approved by both GFC and the Board of Governors, an Advisory Committee has now been struck. Its composition is as follows:

Dr Rod Fraser, President and Chair of the Committee
 Mrs Penny Reeves, Member of the Board of Governors
 Mr Paul Wacko, Member of the Board of Governors
 Professor Liz Ingram, Academic Staff Representative, Dept of Art and Design
 Professor Steve Hrudey, Academic Staff Representative, Dept of Public Health Sciences
 Professor Kamal, Academic Staff Representative, Dept of Physics
 Dr Rodney Schneek, Dean, Faculty of Business
 Dr Vern Paetkau, Chair, Department of Biochemistry
 Dr Ann McDougall, President of AAS:UA, Dept of History and Classics
 Ms Suzanne Scott, President, Students' Union, Faculty of Business
 Mr Garrett Poston, VP (Academic), Students' Union, Faculty of Arts - Economics
 Ms Kim Krushell, President, Graduate Students' Association, Library and Information Studies
 Ms Donna Crossley, NASA Representative, Libraries

The Committee believes it is critical that members of the University community have the opportunity to convey their views about the desirable characteristics in a Vice-President (Academic) and to express views about the present structure and future functioning of the Office of the Vice-President (Academic). Send your suggestions on or about 24 January to the Secretary, Ms Ellen Schoeck, 2-1 University Hall, or via PROFS to Ellen.Schoeck@UALBERTA.CA.

If you would like to meet with the Committee, you are most welcome to set up a time and can do so by telephoning the University Secretariat at local 4965. The Advisory Committee has set aside Saturday and Sunday, 28 and 29 January, for these interviews with members of the University community.

In addition, the Committee invites names of individuals who, in the senders' view, would be excellent candidates for this position. The Advisory Committee expects to have full and complete applications by 1 March.

Lougheed Scholarship recipients point the way

By Ron Thomas

Applause, warm and frequent, cascaded through the Faculty Club's Papaschase Room last Friday as the Peter Lougheed Scholarship recipients were introduced.

The 10 recipients' academic excellence notwithstanding, much of the applause was owing to guests' realization that the award

emphasizes leadership qualities and that people who possess them are in demand.

The fields of engineering and rehabilitation medicine would seem to be particularly well off. Keri Biggs and Doreen Donaldson are both majoring in Mechanical Engineering.

Continued on page 6



Chancellor Lou Hyndman and former Alberta Premier Peter Lougheed, people persons always, took pleasure in meeting the 1994-95 Peter Lougheed Scholarship recipients. They are: Sara Binder, left, seated, and Doreen Donaldson, and, standing, from left, Alyson Hrynyk, Keri Biggs, Laura Fraser, Randy Fedoruk, James Stannard, Kara Nerenberg and Astrid Sneddon. Missing from photo: Gayatri Kembhavi.

Photo Services

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

20 January, 4 pm

John Maggio, Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, "Building Sheets on Biological Templates: Amyloid Peptides and Alzheimer's Disease." 2-27 Medical Sciences Building.

ANTHROPOLOGY

20 January, 3:30 pm

Jennifer Cypher, "A Field Report on Disney World." 14-28 Tory Building.

27 January, 3 pm

Barbara Scott, University of Minnesota, "Viking Scandinavia: From Iron Age Chieftains to Medieval States." 14-28 Tory Building.

CANADIAN INSTITUTE FOR NORDIC STUDIES

30 January, 7:30 pm

Barbara Scott, University of Minnesota, "Christianity, Kings, Money and States: Vikings on the Brink of History." 141 Arts Building.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

26 January, 7:30 pm

Serge Cipko, "Destination Buenos Aires: Ukrainians of the Mar Del Plata Region, Past and Present." Heritage Lounge, Athabasca Hall.

CHEMICAL ENGINEERING

26 January, 3:30 pm

Randy Miller, "Adaptive Predictive PID." 342 Chemical-Mineral Engineering Building.

GEOGRAPHY

20 January, 3 pm

Ian Campbell, "ADFA and Oz, Two Months at the Australian Defence Force Academy—What Goes on and Some Scenes of Oz." 3-36 Tory Building.

27 January, 3 pm

Pam Wight, Alberta Economic Development and Tourism, "Sustainable Tourism." 3-36 Tory Building.

3 February, 3 pm

Ray Bradley, Department of Geology and Geography, University of Massachusetts, "Climate Variations Over the Last 500 Years: The Little Ice Age." 3-36 Tory Building.

Lougheed Scholarships*Continued from page 5*

and James Stannard's major is in Petroleum Engineering. The Rehabilitation Medicine students earning the \$5,000 scholarship were Randy Fedoruk, Gayatri Kembhavi and Kara Nerenberg.

Other holders of the scholarship are Sara Binder (Physical Education and Recreation), Laura Fraser (Business), Alyson Hrynyk (Arts) and Astrid Sneddon (Education).

In a leadership capacity, the students' credits include: chair of the Canadian Engineering Competition, president of the University Athletic Board, administrative director of the U of A Debate Club, director of Student Orientation Services, and student liaison for the Edmonton Chapter of the Petroleum Society. Volunteer activities include coaching soccer, Shinerama, the Fringe Festival, Super Saturday, Girl Guides of Canada, Boyle Street Community Centre, 4-H, and tutoring Grade 8 and 9 mathematics students.

Binder told guests, whose number included Mr and Mrs Lougheed, Chancellor Lou Hyndman and former President Myer Horowitz, that a Peter Lougheed Scholarship is "a true honour and an inspiration to continue working in our areas of academic pursuit."

The scholarships, now in their ninth year, are available to any student during the last two years of their undergraduate program. This year the selection committee reviewed about 80 applications over a six-week period.

TALKS


GEOLOGY

24 January, 11 am

George Eynon, president, SMI Oil and Gas Inc, Calgary, and vice-president CSPG, "Geologists in Oil and Gas: Global Factors Affecting the Oil and Gas Industry in Canada, the Changing Role of the Geologist and Emerging Employment Trends." 1-04 Earth Sciences Building.

HUMAN ECOLOGY

24 January, 3:30 pm

Patricia McCormack, "The Athabasca Influenza Epidemic of 1835." Chapel (Main Floor), St Stephen's College.

MEDICAL MICROBIOLOGY AND INFECTIOUS DISEASES

20 January, noon

Woei Guang Tan, "Introduction to Capillary Electrophoresis, with Emphasis on Enzyme Assay of Carbohydrate Metabolism." 2J4.02 Mackenzie Health Sciences Centre.

PERINATAL RESEARCH CENTRE

24 January, noon

Marek Radomski, "Nitric Oxide: Quo Vadis Mediator?" 2J4.02 Mackenzie Health Sciences Centre.

PHARMACOLOGY

23 January, 1 pm

Bradley J Bolzon, manager, Scientific Liaison, Eli Lilly Canada, and Donald R Gehlert, research scientist, Lilly Research Laboratories, Indianapolis, "Job Opportunities in the Pharmaceutical Industry: an informal forum." 207 Heritage Medical Research Centre.

23 January, 4 pm

Donald R Gehlert, "Subtypes of Neuropeptide Y Receptors in the Rat Brain: Search for the 'Feeding Receptor'." 207 Heritage Medical Research Centre.

PHYSICS

20 January, 2 pm

JT Gleeson, Department of Physics and Astronomy, The University of Calgary, "Convection in Liquid Crystals." V-129 Vwing.

PHYSIOLOGY

20 January, 3:30 pm

Christina Benjshin, "Characterization of Parathyroid Hypertensive Factor." 207 Heritage Medical Research Centre.

POLITICAL SCIENCE

24 January, 3:30 pm

Gord Laxer, "Dismantling the 'Swedish Model': Sweden Joins the European Union." 10-4 Tory Building.

RURAL ECONOMY

30 January, 3:15 pm

William A White, "Ecological Economics: Forest Economics Done Right?" 519 General Services Building.

2 February, 3:15 pm

John Caldwell, policy analyst, Agriculture and Agri-Food Canada, Ottawa, "The Changing Financial Structure of Canadian Agriculture." 519 General Services Building.

SLAVIC AND EAST EUROPEAN STUDIES

25 January, 3 pm

Marta Harasowska, "The Rusyns of Yugoslavia and their Micro-Language." 436 Arts Building.

SOCIETY OF EDMONTON DEMOGRAPHERS

24 January, noon

Dave Odynak and Colin Reid, "Alberta Fertility: Update." Heritage Room, Main Floor, City Hall.

SOCIOLOGY

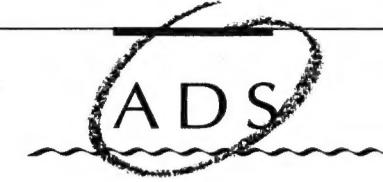
25 January, noon

Marc Epprecht, "The World Bank, Health, and Africa." 5-15 Tory Building.

1 February, noon

Mike Gillespie, "Separating Stress from Distress in Measures of Affect in Couple Data." 5-15 Tory Building.

 *This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.*

**ACCOMMODATIONS FOR RENT**

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

EXECUTIVE TWO STOREY on ravine in Capitol Hill! Unique interior, completely renovated in keeping with the old style. Immediate possession. \$2,000/month, lease. Western Relocation, 434-4629.

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EVENTS

EXHIBITIONS**FAB GALLERY**

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"Print Installation—Elysia Dywan." This exhibition is the final visual presentation in partial fulfillment for an MFA in Printmaking.

Until 29 January

"Surfaces and Supports—Part I." The sixth exhibition of medium density fibreboard (MDF) furniture designed and built by students and staff of the Industrial Design program. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 2 March

"Tribute—Fifteen Years of Alberta Craft." An exhibition of handmade craft works in a variety of media by 25 artists who were founding members of the Alberta Craft Council. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Monday, Tuesday, Thursday, 6 to 8 pm (subject to

MUSIC**DEPARTMENT OF MUSIC**

21 January, 8 pm

Nicholas Arthur Kilburn Memorial Concert with Debra Cairns, soprano; Leonard Ratzlaff, baritone; William Street, saxophone. There will be a pre-concert introduction and reception at 7 pm. Lecturer: Wesley Berg. Guest host: John Hanlon, host, CBC's "Wild Rose Country." Tickets: \$10/adults, \$5/students and seniors, available at the door. Information: 492-3263. Convocation Hall.

28 January, 8 pm

I Coristi Chamber Choir with Marnie Giesbrecht, organist. Debra Cairns, conductor. Admission: \$10/adults, \$7/students and seniors. Westend Christian Reformed Church.

EDMONTON CHAMBER MUSIC SOCIETY

1 February, 8 pm

"L'Ensemble Arion." Tickets available from The Gramophone and at the door. Information: 433-4532. Convocation Hall.

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NOTICE: Progoff Intensive Journal Workshop, Levels 1 & 2 with Sr. Virginia Evard. Strawberry Creek Lodge. 24-26 February. Tuition \$125. Accommodation/meals \$118 plus GST (discounts available). Call 432-7582.

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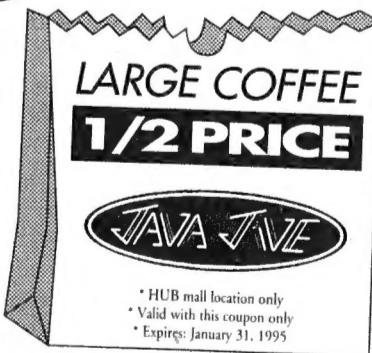
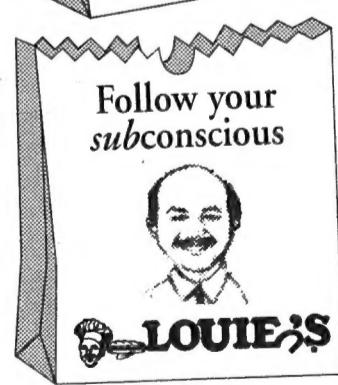
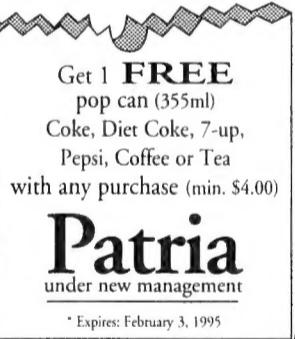
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Emil Skarin Fund

Invitation to apply

Applications are invited to the Emil Skarin Fund Committee of the University Senate for financial support of a 1995 project or projects. Approximately \$6,500 from the Fund will be available.

Projects must be of value both to the public as well as the University of Alberta; be consistent with the general aims and purposes of this University, but not normally funded by it; and originate within the Province of Alberta.

Preference will be given to projects with an emphasis on the humanities and the arts. Proposals should include objectives, schedule, budget, and procedures for organization and evaluation.

Application forms are available on request, and should be returned, completed, by 1 March 1995.

The Chairman,
Emil Skarin Fund
Committee
University of Alberta
150 Athabasca Hall
Edmonton, Alberta
T6G 2E8

Tel. 492-2268
Fax. 492-2448